

Atty. Docket No.
A32737 072396.0225

Serial No.
09/844,915

**INFORMATION DISCLOSURE STATEMENT
BY APPLICANT**

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Applicant
Robbins et al.

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U.S. PATENT DOCUMENTS

*Exam. Init.	Document No.								Date	Name	Class	Subclass	Filing Date if Appropriate
JP	5	8	7	1	7	2	8		2/16/99	Thomson et al.			

FOREIGN PATENT DOCUMENT

Document No.								Date	Country	Class	SubClass	Translation	
												Yes	No

OTHER DOCUMENTS (including Author, Title Date, Pertinent Pages, Etc.)

JP Hirano *et al.*, "Graft hyporeactivity induced by immature donor-derived dendritic cells," *Transplant Proc.* 32:260-264 (2000)

I Gao *et al.*, "CD40-deficient dendritic cells producing interleukin-10, but not interleukin-12, induce T-cell hyporesponsiveness in vitro and prevent acute allograft rejection," *Immunology* 98:159-170 (1999).

I Lee *et al.*, "Cyclosporine A inhibits the expression of costimulatory molecules on in vitro-generated dendritic cells: association with reduced nuclear translocation of nuclear factor kappa B," *Transplantation* 68:1255-1263 (1999).

I Lu *et al.*, "Genetic engineering of dendritic cells to express immunosuppressive molecules (viral IL-10, TGF-beta, and CTLA4Ig)," *J. Leukoc. Biol.* 66:293-296 (1999).

JP Lu *et al.*, "Adenoviral delivery of CTLA4Ig into myeloid dendritic cells promotes their in vitro tolerogenicity and survival in allogeneic recipients," *Gene Ther.* 6:554-563 (1999).

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Examiner

Lu

Date Considered

11/20/02

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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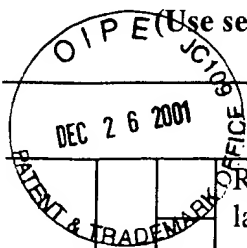
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Robbins et al.

Filing Date
April 27, 2001

Group Art Unit
1638 1635

(Use several sheets if necessary)



RECEIVED
DEC 27 2001
TECH CENTER 1600P6800

Ranieri *et al.*, "Dendritic cells transduced with an adenovirus vector encoding Epstein-Barr virus latent membrane protein 2B: a new modality for vaccination," *J. Virol.* 73:10416-10425 (1999).

Rea *et al.*, "Adenoviruses activate human dendritic cells without polarization toward a T-helper type 1-inducing subset," *J. Virol.* 73:10245-10253 (1999).

Thomson and Lu, "Dendritic cells as regulators of immune reactivity: implications for transplantation," *Transplantation* 68:1-8 (1999).

Tuting *et al.*, "Dendritic cell-based genetic immunization in mice with a recombinant adenovirus encoding murine TRP2 induces effective anti-melanoma immunity," *J. Gene Med.* 1:400-406 (1999).

Banchereau and Steinman, "Dendritic cells and the control of immunity," *Nature* 392:245-252 (1998).

Khanna *et al.*, "Donor bone marrow potentiates the effect of tacrolimus on nonvascularized heart allograft survival: association with microchimerism and growth of donor dendritic cell progenitors from recipient bone marrow," *Transplantation* 65:479-485 (1998).

Lee *et al.*, "Phenotype, function, and in vivo migration and survival of allogeneic dendritic cell progenitors genetically engineered to express TGF-beta," *Transplantation* 66:1810-1817 (1998).

Lu *et al.* *Journal of Leukocyte Biology* Supplement 2 Abstract#B52 (1998).

Rescigno *et al.*, "Dendritic cell survival and maturation are regulated by different signaling pathways," *J. Exp. Med.* 188:2175-2180 (1998).

Lu *et al.*, "Blockade of the CD40-CD40 ligand pathway potentiates the capacity of donor-derived dendritic cell progenitors to induce long-term cardiac allograft survival," *Transplantation* 64:1808-1815 (1997).

Fu *et al.*, "Costimulatory molecule-deficient dendritic cell progenitors induce T cell hyporesponsiveness in vitro and prolong the survival of vascularized cardiac allografts," *Transplant Proc.* 29:1310 (1997).

Fu *et al.*, "Costimulatory molecule-deficient dendritic cell progenitors (MHC class II+, CD80dim, CD86-) prolong cardiac allograft survival in nonimmunosuppressed recipients," *Transplantation* 62:659-665 (1996).

NY02:361185.1

2

Examiner

Date Considered

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* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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Applicant
Robbins et al.

Filing Date
April 27, 2001

Group Art Unit
1633 1635

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DEC 27 2001
TECH CENTER 1600/2550

DEC 26 2001

Lu et al., "Induction of nitric oxide synthase in mouse dendritic cells by IFN-gamma, endotoxin, and interaction with allogeneic T cells: nitric oxide production is associated with dendritic cell apoptosis," *J. Immunol.* 157:3577-3586 (1996).

Lu et al., "Bone marrow-derived dendritic cell progenitors (NLDC 145+, MHC class II+, B7-1dim, B7-2-) induce alloantigen-specific hyporesponsiveness in murine T lymphocytes," *Transplantation* 60:1539-1545 (1995).

Rastellini et al., "Granulocyte/macrophage colony-stimulating factor-stimulated hepatic dendritic cell progenitors prolong pancreatic islet allograft survival," *Transplantation* 60:1366-1370 (1995).

Andrews and Faller, "A rapid micropreparation technique for extraction of DNA-binding proteins from limiting numbers of mammalian cells," *Nucleic Acids Res.* 19:2499 (1991).

Jolly, D., "Viral vector systems for gene therapy," *Cancer Gene Therapy*, 1:51-64. (1994).

Starzl et al., "The biological basis of and strategies for clinical xenotransplantation," *Immunological Reviews* 141:213 (1994).

Woo et al., "Isolation, phenotype, and allostimulatory activity of mouse liver dendritic cells," *Transplantation* 58:848 (1994).

Berkner, K.L., "Expression of heterologous sequences in adenoviral vectors," *Curr. Top. Micro Immunol.* 158:39-66. (1992).

Inaba et al., "Generation of large numbers of dendritic cells from mouse bone marrow cultures supplemented with granulocyte/macrophage colony-stimulating factor," *J. Exp. Med.* 176:1693-1702 (1992).

Horwitz, M.S., "Adenoviridae and Their Replication," in *Virology*, 2nd edition, Fields et al., eds., Raven Press, New York, 1990

Billiar et al., "An L-arginine-dependent mechanism mediates Kupffer cell inhibition of hepatocyte protein synthesis in vitro," *J. Exp. Med.* 169:1467-1472 (1989).

NY02:361185.1

3

Examiner

Date Considered

11/20/02

* Examiner: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Notice of References Cited

Application/Control No.

09/844,915

Applicant(s)/Patent Under
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Terra C. Gibbs

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1635

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5,871,728	02-1999	Thomson et al.	
	B	US-2002/0164311 A1	11-2002	Storm et al.	
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	Lu et al. Genetic engineering of dendritic cells to express immunosuppressive molecules (viral IL-10, TGF-beta and CTLA4lg). Journal of Leukocyte Biology, 1999 Vol. 66:293-296.
	V	Bielinska et al. Regulation of Gene Expression with Double-Stranded Phosphorothioate Oligonucleotides. Science, 1990 Vol. 250:997-1000.
	W	Lu et al. Adenoviral delivery of CTLA4lg into myeloid dendritic cells promotes their in vitro tolerogenicity and survival in allogeneic recipients. Gene Therapy, 1999 Vol. 6:554-563.
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
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